

TECHNICAL INFORMATION

Model	N&W machines	Type	All	T.I. Number:	
				Audit-05-001	
Serial Numbers	Not Applicable			Date	15-06-05
Subject	Data Retrieval from N&W Machines via Laptop PC.			ISSUED FOR	
				ACTION	
				INFORMATION	X

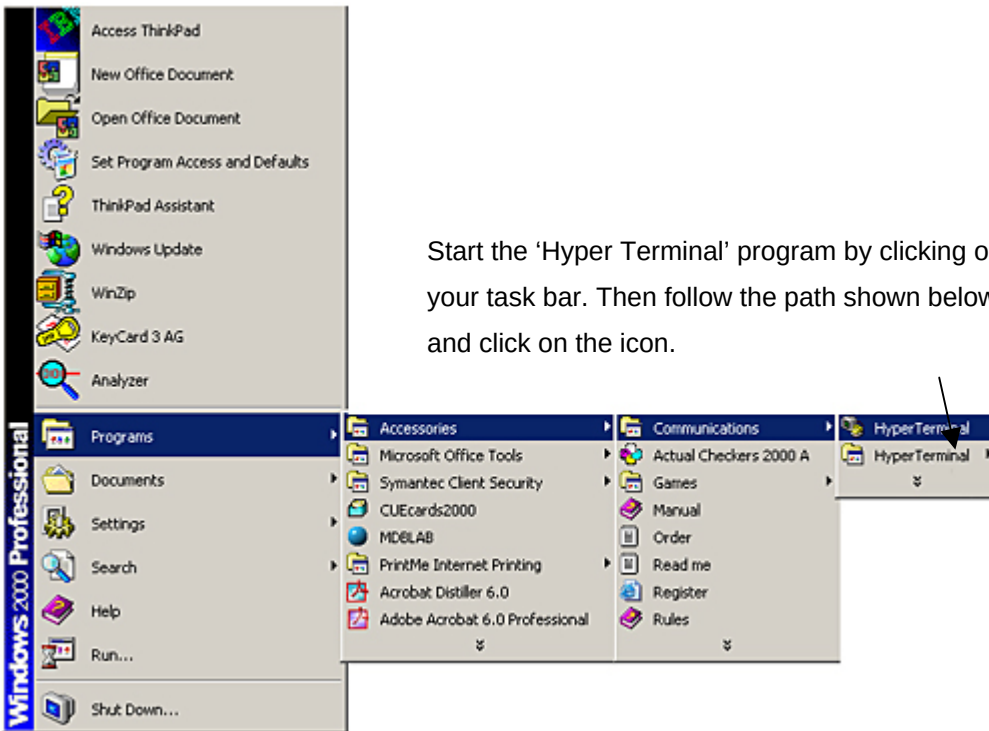
INTRODUCTION.

Audit data can be retrieved from N&W machines and saved to a laptop computer using a standard Windows tool called 'Hyper Terminal'.

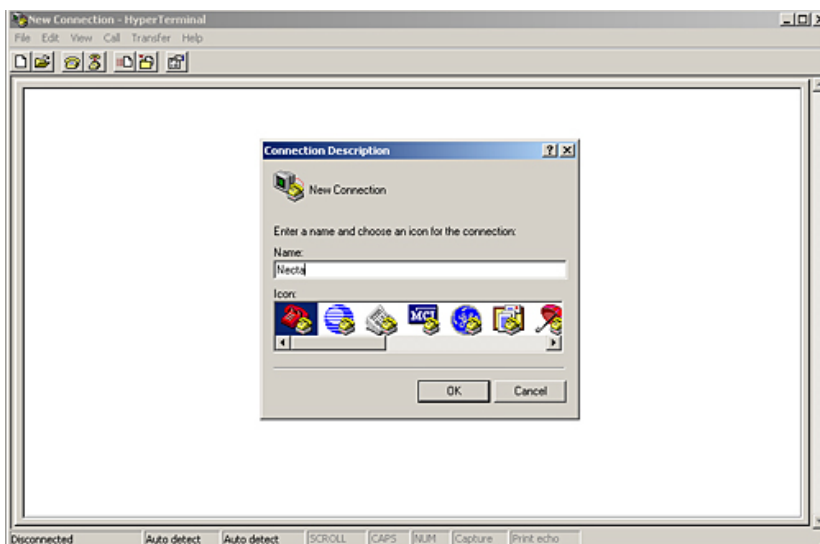
The data will be presented in a form called ASCII, which is an easily read alphanumeric form.

The following instruction shows you how to set-up 'Hyper Terminal' and your N&W machine to collect the audit data.

Setting 'Hyper Terminal'.



Start the 'Hyper Terminal' program by clicking on the 'START' button on your task bar. Then follow the path shown below to 'Hyper Terminal' and click on the icon.



This will now start the 'Hyper Terminal' program and the following screen will open.

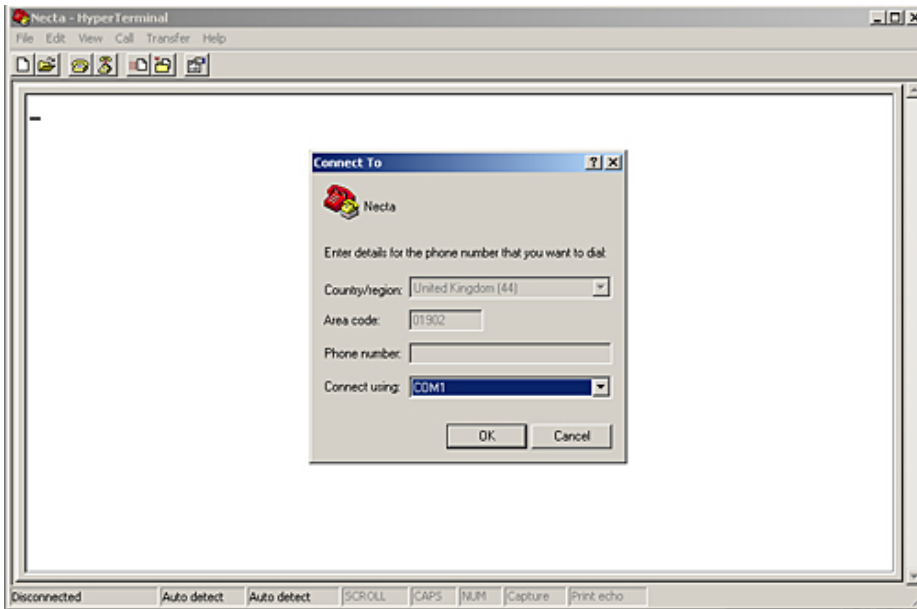
Give the connection a name and select an icon, this will allow you to open the program at a later date with all the settings saved.

Now click 'OK'.

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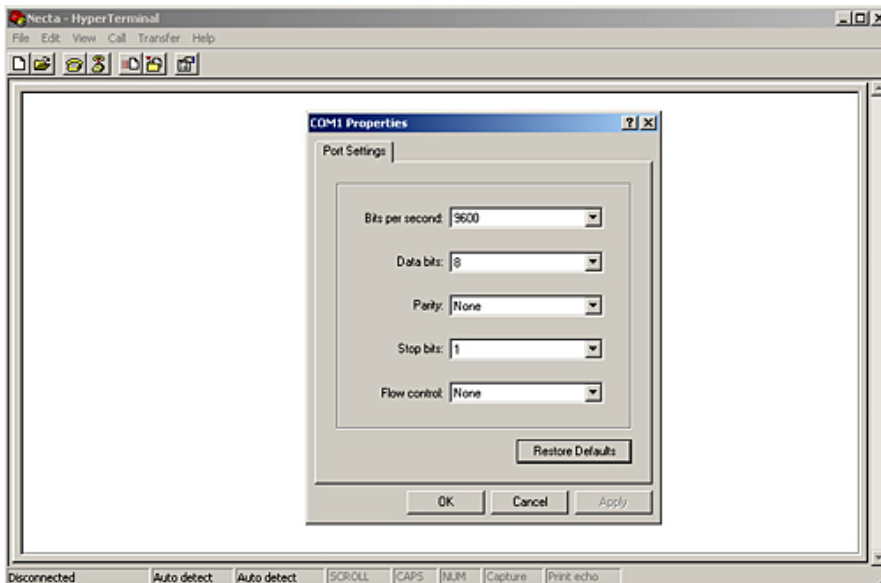
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The following screen will appear which allows you to choose the COM port that will be used to connect to the vending machine.



In the 'Connect using:' box select the COM port that your computer uses to connect to peripherals. This is usually COM 1 but if you are using a USB to 9 pin converter then it could be COM 4 or higher, check with your IT department for the setting. Now click 'OK'.

The following screen will now open allowing you to change your port settings for your COM port.



The settings are as follows:

Bits per second: 9600

Data bits: 8

Parity: None

Stop bits: 1

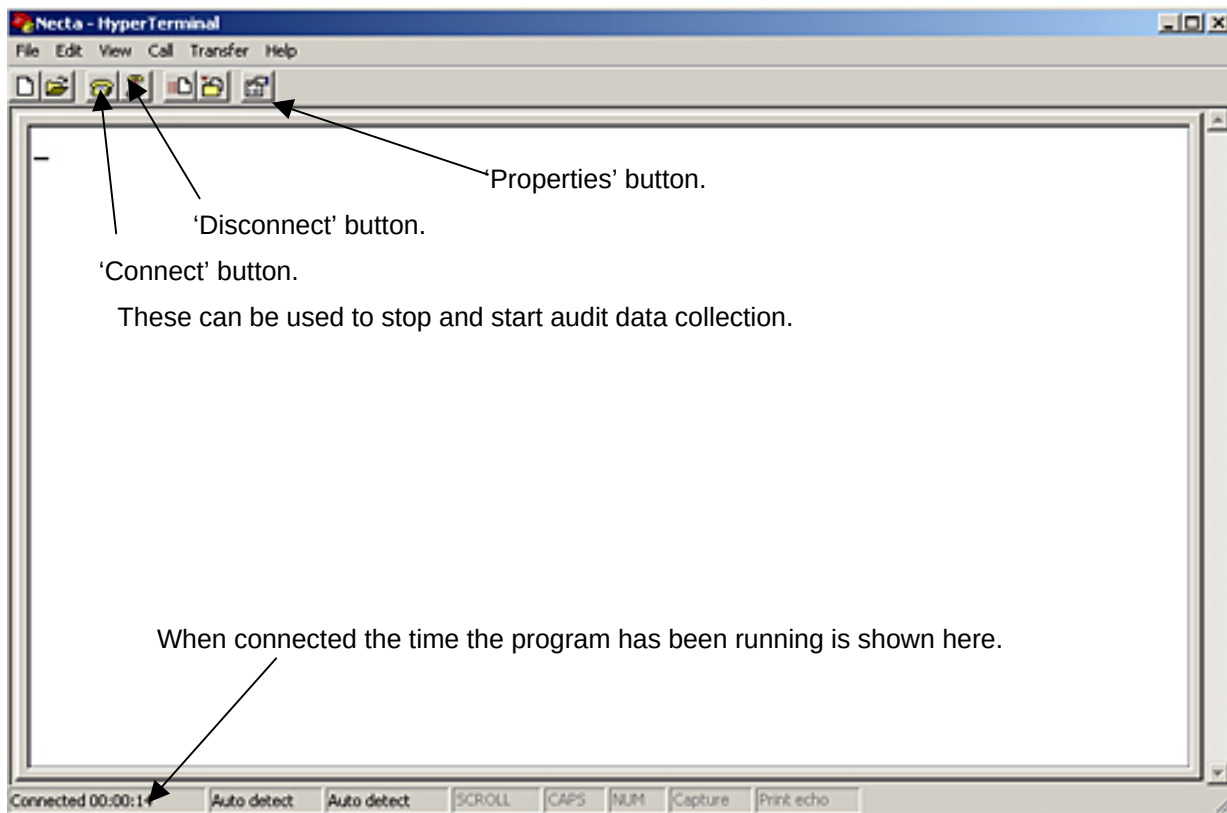
Flow control: None

Now click 'OK'.

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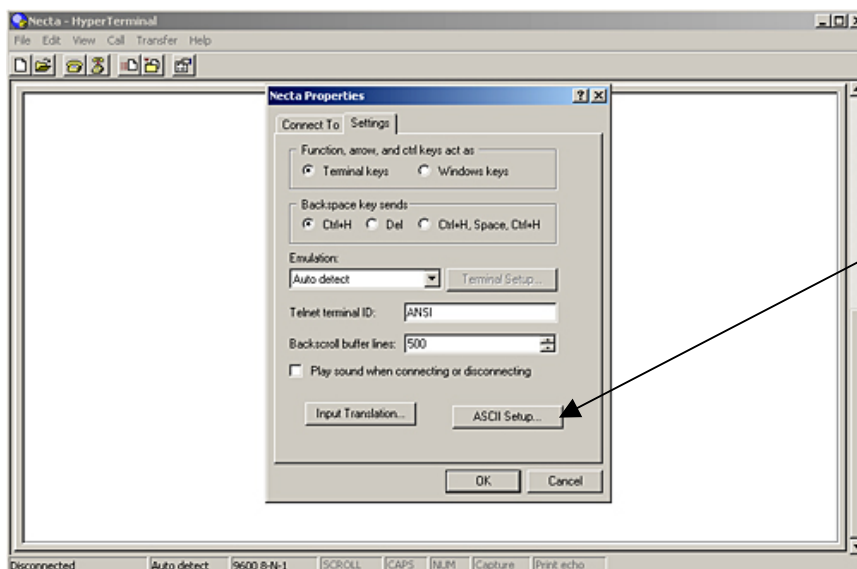
The 'Hyper Terminal' program is now connected and running. The program can be stopped and started using the 'Disconnect' and 'Connect' buttons shown below.



These can be used to stop and start audit data collection.

When connected the time the program has been running is shown here.

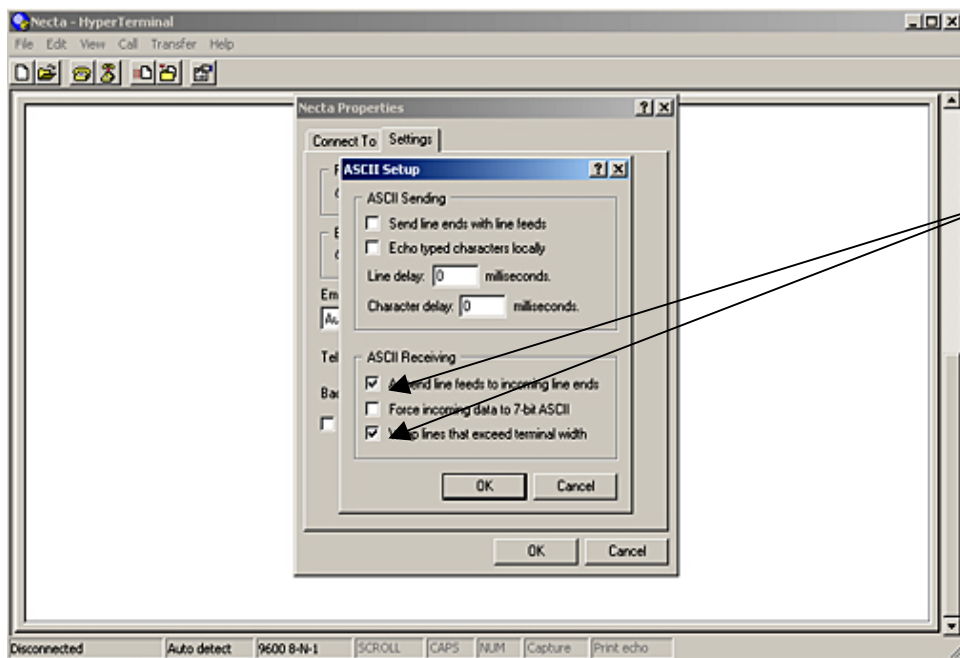
To allow the statistics to be displayed correctly the following settings need to be checked and altered as follows: Click on the 'Properties' button as shown above. This will bring up the following screen.



In the 'Settings' menu, click on the 'ASCII Setup' button. This will bring up the screen on the following page.

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In the 'ASCII Receiving' settings make sure that the indicated boxes are ticked. Click on 'OK' and then click on 'OK' again.

Now you should save these settings by going to 'File – Save As' and save in a convenient folder e.g. 'N&W Audit'. Save the file under the same name that you called it in the first step. You will then be able to open this program with all the settings that you have just entered and the program will be ready to collect audit data. The PC should now be connected to the machine using a standard lead connected to the computers COM port and the printer connection inside the machine door. A lead is available from N&W Spares Department, Part number: 4990.20545.

The machine is set to send the statistics as follows:

Astro Direct Selection – Kikko Max – Zenith:

With the machine door open and the service key inserted in the door switch and the machine at standby. Press the program on the inside of the door.

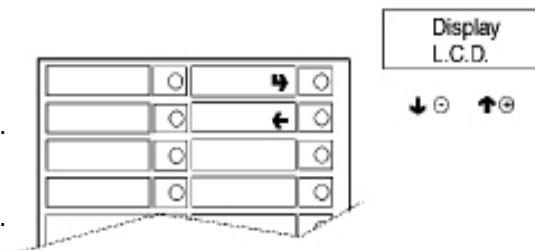
The display will show: FILL>1

STATISTICS

Press the top right hand selection button twice.

Press the '+' button once.

Press the top right hand selection button twice.



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Astro Keypad Selection

With the machine door open and the service key inserted in the door switch and the machine at standby. Press the program on the inside of the door.

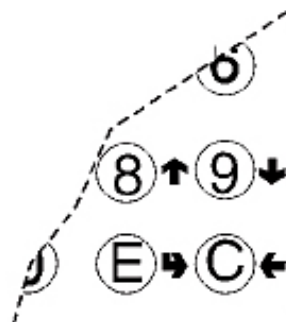
The display will show: FILL>1

STATISTICS

Press the 'E' button twice.

Press the '8' button once.

Press the 'E' button twice.



Sfera – SM 7000 – Snakky – Rondo:

With the machine door open and the service key inserted in the door switch and the machine at standby. Press the program on the top of the sliding door.

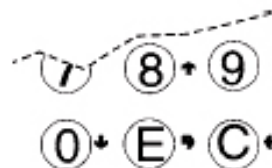
The display will show: FILL>1

STATISTICS

Press the 'E' button twice.

Press the 'O' button once.

Press the 'E' button twice.



Wittenborg 7100 – 7600:

Open the machine door,

Press 'Sel' – Operator menu

Press 'V' – Counters

Press 'Sel'

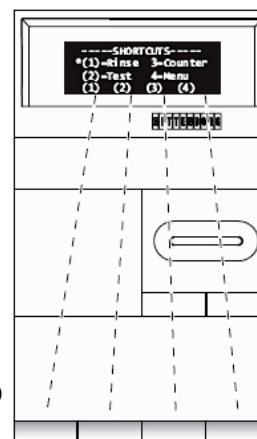
Press '^' – Printing

Press 'Sel'

Press 'Sel' – Non Resetable

Press 'Sel' – Overall

Press 'Sel' – To sent audit data to Laptop



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The total statistics will now be sent to the 'Hyper Terminal' program and they will be displayed on the computer screen. The machine display will be flashing 'PRINTING' whilst this is happening. When the machine has finished sending the statistics it will bleep. The 'Hyper Terminal' program can now be 'Disconnected'. The statistics can now be printed as normal with the computer and also saved. When saving the statistics file it is suggested that the file name should be the last 5 digits of the machine serial number and the date

e.g. 00123_051029.

Note: If the yymmdd date format is used the all audit readouts will be automatically filed in chronological order.

Format could be: AUD12345_yymmdd